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福兰,中国云南兰科一新种

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Cymbidium rigidum sp. nov., a new orchid from Yunnan, China

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福兰 新种 图 1:1~3

Cymbidium rigidum Z. J. Liu et S. C. Chen, sp. nov. Fig. 1:1~3

Species insignis foliis oblanceolatis, petiolis 15~23 cm longis 3.5~5 mm latis, inflorescentia 20~40-flora, labello floris subrhombeo vel subobovato-rhombeo, a cymbidii speciebus nobis notis bene distincta.

Herbae terrestres, perennes. Pseudobulbi subcylindrici, 1.5~2.5 cm longi, ca 1 cm in diam., foliorum basibus inclusi, rhizomatibus robustis brevibus ca 1~1.3 cm in diam. ornati. Folia suberecta, 2~4, coriacea, rigida, oblanceolata, infra medium in petiolum angustata, cum petiolo 37~50 cm longa; laminae 22~27 cm longae, 3.5~4.7 cm latae, apice acutae vel obtusae, manifeste costatae; petioli tenues canaliculati, 15~23 cm longi, 3.5~5 mm lati, longitudinaliter porcato-nervosi, articulati. Scapus ex basi pseudobulbi exoriens, suberectus vel leviter arcuatus, 36~50 cm longus, inferne et ad basin multivaginatus, vaginis basi amplexicaulibus 2~6.5 cm longis; inflorescentia 25~30 cm longa, 20~40-flora; bracteae ovato-lanceolatae, 4~5 mm longae, 2~2.5 mm latae; pedicellus cum ovario 1.5~2 cm longus, glaber; flores purpurei, ca 3.5 cm in diam.; sepalum dorsale anguste ovato-lanceolatum, 2~2.2 cm longum, 6~7 mm latum, acuminatum; sepala lateralia ei dorsali similia; petala quam sepala leviter minora, anguste elliptica, lanceolata, 1.6~1.9 cm longa, 5.5~6 mm lata, acuminata; labellum subrhombeum vel subobovato-rhombeum, non vel interdum obscure trilobum, 1.3~1.5 cm longum, ca 1 cm latum, apice obtusum, ad marginem prope apicem plus minusve crispatum, ad centrum callis duobus carnosis ca 1 mm longis ornatum; columna 1~1.2 cm longa, leviter arcuata.

China. Yunnan(云南): Pingbian(屏边), 2000-05-14. S. C. Chen(陈心启) 2507(holotype, in Herbarium, Shenzhen City Wutongshan Nurseries).

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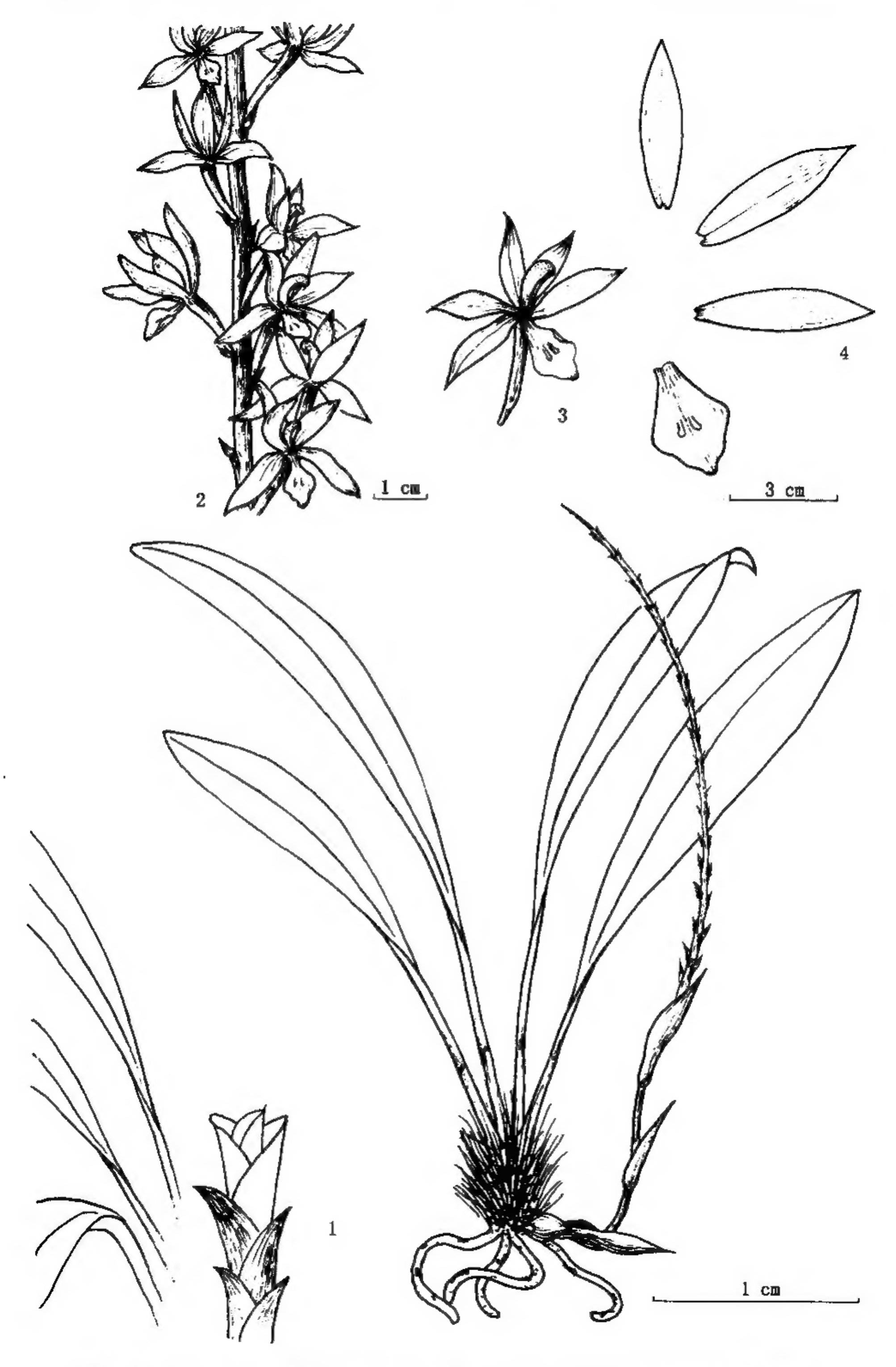


图1 福兰 1. 植株；2. 花序的一部分；3. 花；4. 中萼片、侧萼片、花瓣和唇瓣，正面观。

Fig 1 *Cymbidium rigidum* Z. J. Liu et S. C. Chen 1. Plant; 2. Part of the inflorescence; 3. Flower; 4. Dorsal sepal, lateral sepal, petal and lip, front view.

多年生地生草本。假鳞茎近圆柱形,长 1.5~2.5 cm,直径约 1 cm,包藏于叶基之内,具粗短的、直径 1~1.3 cm 的根状茎。叶近直立,2~4 枚,革质,坚挺,倒披针形,在中部以下收狭成柄,连柄长 37~50 cm;叶片长 22~27 cm,宽 3.5~4.7 cm,先端急尖或钝,具明显的中脉;叶柄纤细,具槽,长 15~23 cm,宽 3.5~5 mm,具浮凸的纵脉,有关节。花葶从假鳞茎基部发出,近直立或稍外弯,长 36~50 cm,下部和基部具多枚鞘;鞘基部抱轴,长 2~6.5 cm; 花序长 25~30 cm,具 20~40 朵花;花苞片卵状披针形,长 4~5 mm,宽 2~2.5 mm;花梗和子房长 1.5~2 cm,无毛;花紫色,直径约 3.5 cm;中萼片狭卵状披针形,长 2~2.2 cm,宽 6~7 mm,先端渐尖;侧萼片与中萼片相似;花瓣略小于萼片,狭椭圆状披针形,长 1.6~1.9 cm,宽 5.5~6 mm,先端渐尖;唇瓣近菱形或近倒卵状菱形,不裂或有时有不明显 3 裂,长 1.3~1.5 cm,宽约 1 cm,先端钝,近先端的边缘多少皱波状,在中央具 2 枚肉质的、长约 1 mm 的胼胝体;蕊柱长 1~1.2 cm,稍弧曲。

本新种很独特,以其倒披针形的叶,叶柄长 15~23 cm,宽 3.5~5 mm,花序具 20~40 朵花,花的唇瓣近菱形或近倒卵状菱形,可以区别于该属全部已知的种。

福兰是兰属 *Cymbidium* 中的一个十分独特的种,在全属已知的种类中,尚难找到其明显的近亲。该模式标本是笔者之一从文山兰花种植场王国能先生处得到的,据称原植物系采自云南屏边县与文山县交界处。

该植物于 3~4 月份开花,笔者看到时花已枯萎。目前已移栽于深圳梧桐山苗圃总场。

Cymbidium rigidum Z. J. Liu et S. C. Chen is a remarkable species quite distinct from the species known to us by its oblanceolate leaves with a slender petiole 15 ~ 23 cm long and 3.5 ~ 5 mm wide, 20 ~ 40-flowered inflorescence and subrhombic or subobovate-rhombic lip. The type specimen was sent by Mr. G. N. Wang of the Wen Shan Orchid Nursery in last May, when the flowers had withered. A living plant of this species has been transplanted to the Shenzhen City Wutongshan Nurseries. It was said that the plants were collected from a mountain in Pingbian County but very close to the border of Wen Shan County, and they flowered in March and April.

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